

TECHNICAL SPECIFICATIONS

TERMS OF REFERENCE

MAINTENANCE OF 3 FLOODLIGHT POSTS AT BLOCK 4 AND BLOCK 7 STUFFING AREA,  
PORT OF CAGAYAN DE ORO (MPF-MOC-11-2025)

A. DESCRIPTION

The project aims to undertake the maintenance of 3 floodlight posts at block 4 and block 7 stuffing area, Port of Cagayan de Oro. The goal of this project is to ensure proper functionality, safety and longevity of the floodlight posts ensuring that they operate effectively for all outdoor events and operations and to provide critical illumination. Regular maintenance is required to ensure continued functionality, safety and efficiency of these lighting system.

B. OBJECTIVES

The objective is to supply all necessary materials, labor and equipment for the maintenance and servicing of the floodlight posts. This includes, but is not limited to:

- Visual and technical inspection of the floodlight posts including lamps, wiring, control systems, pole integrity and foundation.
- Maintenance of the electrical systems, including wiring and connections.
- Inspection, calibration and testing of floodlight controls.
- Testing and calibration of the floodlight system.

C. GENERAL SCOPE OF WORKS

The supplier/contractor shall undertake the project in accordance with the accepted industry standards and procedures.

The services to be rendered by the said supplier shall include but not limited to the following:

1. Consult with the Authority, thru the Engineering Services Division Technical Staff, to ascertain the objectives and requirements of the services and confirms such requirements to the Authority.
2. Conduct ocular inspection of all components and conduct actual measurement at the site.
3. Supply of materials, labor, and equipment for the following scope of works:

DESCRIPTION OF WORK	UNIT	QUANTITY
1.0 REMOVAL OF EXISTING FLOODLIGHT AND UPGRADING TO HIGHER LED WATTAGE OF FLOODLIGHT AND CONTROL PANELS	LOT	1.00
2.0 UNDERGROUND REWIRING OF POWER SUPPLY FOR FLOODLIGHT POST AT BLOCK 7	LOT	1.00

4. Supply of the following needed manpower:
  - a. Electrician
  - b. Skilled Labor
5. Supply of the following tools/equipment:
  - a. Straight Boom Lifts, Telescopic, 1000 lbs x 116’ range (rent)
  - b. Portable Grinder
  - c. Welding Machine
  - d. Concrete Cutter
  - e. Electric Demolition Hammer
6. Perform other services or reasonable tasks that relate to the foregoing deliverables, which the Authority or its authorized representative may direct.

## **D. MATERIAL SPECIFICATIONS**

### **ITEM 1.0 : REMOVAL OF EXISTING FLOODLIGHT AND UPGRADING TO HIGHER LED WATTAGE OF FLOODLIGHT AND CONTROL PANELS**

#### **DESCRIPTION**

The work includes the supply of materials, labor, tools and equipment for the removal of existing floodlight and upgrading to higher LED wattage and control panels at Block 4 and Block 7.

### **ITEM 2.0 : UNDERGROUND REWIRING OF POWER SUPPLY FOR FLOODLIGHT POST AT BLOCK 7**

#### **DESCRIPTION**

The work includes the supply of materials, labor, tools and equipment for the underground rewiring of power supply for floodlight post at Block 7.

## **E. TERMS AND CONDITION**

### **1. Scope of Work:**

- The contractor shall provide and install higher LED wattage of floodlight as per the specifications outlined in the project documents.
- The contractor shall ensure that the LED Floodlight and controls meets all applicable codes, standards and regulations.

### **2. Delivery and Installation:**

- The delivery and installation of the LED Floodlights, controls and rewiring shall be completed within Forty-Five (45) calendar days upon receipt of Notice to Proceed (NTP).
- The contractor is responsible for the handling and transportation of materials ensuring they are delivered in good condition.
- The contractor shall coordinate with the Engineering Services Division Technical Staff to schedule the installation and ensure minimal disruption to ongoing operations.
- Any delays in delivery or installation should be promptly communicated to the project owner, along with a revised timeline.

### **3. Quality Assurance:**

- The LED floodlight shall be of high quality, durable, and able to withstand the environmental conditions of the installation site.
- The contractor shall provide all necessary documentation to validate the quality and performance of the LED floodlight and its controls.

### **4. Supervision and Workmanship**

- The contractor shall utilize electricians and skilled workers supervised by its own Electrical Engineer in whatever phase of work being undertaken when and where special skills are required.
- Only proper tools shall be used by the contractor in the performance of his work. Damages that may arise or poor workmanship resulting from use of improper tools shall be corrected/replaced by the contractor at no extra cost to the Authority.

5. **Technical Assistance and After-Sales Support**

- The newly installed higher wattage LED floodlight and its lighting controls shall be covered by a comprehensive warranty against defects in materials and workmanship for a period of one (1) year.
- Any repairs or replacements required during the warranty period shall be the responsibility of the contractor.

F. **TIMETABLE**

The supplier shall commence the activities effective a day after the receipt of the Notice to Proceed. The completed project shall be delivered, installed, tested and made operational within Forty-Five (45) calendar days from the commencement of the activities.

G. **FIRM AND STAFF REQUIREMENTS**

The supplier shall be responsible in ensuing the timely completion of the project and shall have personnel complementation of adequate technical background, experience and capability.

The supplier shall provide appropriate personal protective equipment (PPE) such as hard hat, safety reflectorized vest, full-body harness, gloves and other appropriate PPE to their staff and crew when working on the project.

H. **SCHEDULE OF PAYMENTS**

All payments shall be processed only upon completion and issuance of a Certificate of Completion and Acceptance, subjected to accounting and auditing rules and regulations.

I. **BUDGET**

The Approved Budget of the Contract for the project “**MAINTENANCE OF 3 FLOODLIGHT POSTS AT BLOCK 4 AND BLOCK 7 STUFFING AREA, PORT OF CAGAYAN DE ORO**” is *Nine Hundred Eighty-Eight Thousand Seven Hundred Thirty-Five and 00/100 Pesos (Php 988,735.00).*

J. **MODE OF PROCUREMENT/QUALIFICATION OF BIDDERS**

The contract for the **MAINTENANCE OF 3 FLOODLIGHT POSTS AT BLOCK 4 AND BLOCK 7 STUFFING AREA, PORT OF CAGAYAN DE ORO** shall be procured through Small Value Procurement, in accordance with Section 53.9 and Annex “H” of the 2016 Revised Implementing Rules and Regulations of RA 9184.

Interested bidders must submit their proposals on or before \_\_\_\_\_, at \_\_\_\_\_ am/pm, at the address provided. Prospective bidders will be evaluated based on a non-discretionary “pass/fail” criterion, and shall submit the updated/renewed printed copies of the following documents as part of the technical/financial proposal/envelope:

<i>Technical Proposal</i>	<ul style="list-style-type: none"><li>• <i>PhilGEPS Certificate of Registration, with corresponding Annexes</i></li><li>• <i>Certificate of Registration from SEC/DTI whichever is applicable</i></li><li>• <i>Valid Mayor’s Permit</i></li><li>• <i>PCAB License</i></li><li>• <i>Income/Business Tax Return</i></li><li>• <i>Omnibus Sworn Statement</i></li></ul>
<i>Financial Proposal</i>	<ul style="list-style-type: none"><li>• <i>Duly Accomplished Request for Quotation</i></li></ul>

PREPARED & SUBMITTED BY:

  
**GABRIELE D. MONDOÑEDO**  
Senior Engineer A

RECOMMENDING APPROVAL:

  
**ANTONIO M. TORCINO, JR.**  
Acting ESD Manager

APPROVED:

**FERNANDO B. MAPALO, JR.**  
Acting Port Manager, PMO-MOC